



No	Change Describe	Designer/Date	Reviewer/Date	Approved/Date

Designer:	Date:		
Reviewer:	Date:	Model: MC601V	Version: A0
Approved:	Date:	Units:	Title:
Material:	Thickness:	Page:	Color:
Dimension:	Stock Number		



# Shenzhen Merrytek Technology CO.,LTD

Model:MC601V ( BOM)

NO.	Name	Description	Paty NO.	Quan	Remark
1	Plastic upper shell	PC		1	
2	Plastic lower shell	PC		1	
3	Transformer	EF12.7	T1	1	
4	inductor	DR2W6*8	L1	1	
5	Terminal station	4P CS350-00-500	CON1	1	
6	Terminal station	3P CS350-00-500	CON2	1	
7	resistance	100R 2W	R1	1	
8	Aluminum electrolytic capacitor	2.2UF 450V	C2 C3	2	
9	Aluminum electrolytic capacitor	100UF 16V	C7 C49	2	
10	Aluminum electrolytic capacitor	100UF 50V	C5	1	
11	X2 capacitor	104K 305V	C1	1	
12	Y1 capacitor	Y5V 222M	C10	1	
13	Ceramic capacitors	Y5P 102M	C4	1	
14	Voltage regulator tube	78L05	U1	1	
15	diode	Φ 3mm	D3	1	
16	diode	Φ 3mm	D10	1	
17	common mode choke	EE8.3	L2	1	
18	Fuse	10A350V	F1	1	
19	switch	8P	SW1	1	
20	switch	6P	SW2	1	
21	Relay	888H-1AH-F-C 17A277Vac	K1	1	
22	Spacing column	φ 4*14.5MM	D3 D10	2	
23	chip resistor	10K	R41 R44 R62 R63 R53 R52 R71 R49	8	
24	chip resistor	4.7K	R24 R59 R60 R12	4	
25	chip resistor	51K	R65 R66	2	
26	chip resistor	18K	R61 R23	2	
27	chip resistor	100K	R31 R50 R6 R20 R56	5	
28	chip resistor	33K	R64 R54 R14	3	
29	chip resistor	200K	R55	1	
30	chip resistor	33K	R43	1	
31	chip resistor	24K	R67 R19	2	
32	chip resistor	15K	R8 R18 R13 R42	4	
33	chip resistor	160K	R5	1	
34	chip resistor	5.6K	R15	1	
35	chip resistor	1K	R21	1	



# Shenzhen Merrytek Technology CO.,LTD

Model:MC601V ( BOM)

NO.	Name	Description	Paty NO.	Quan	Remark
36	chip resistor	47R	R17	1	
37	chip resistor	20K	R10	1	
38	chip resistor	8. 2K	R22	1	
39	chip resistor	47K	R11 R16	2	
40	chip resistor	1M	R69 R70	2	
41	chip resistor	62K	R58	1	
42	chip resistor	75K	R46	1	
43	chip resistor	12K	R9	1	
44	chip resistor	330R	R4	1	
45	chip resistor	82K	R39	1	
46	chip resistor	39K	R47	1	
47	chip resistor	30K	R68	1	
48	chip resistor	2. 2K	R40	1	
49	chip resistor	68K	R32 R33 R45	3	
50	chip resistor	560K	R37 R38	2	
51	chip resistor	560K	R35 R36	2	
52	chip resistor	10R	R57	1	
53	chip resistor	0R	R7 R29	2	
54	chip resistor	100R	R34 R51	2	
55	chip resistor	10R	R3	1	
56	chip resistor	330K	R2	1	
57	chip resistor	100R	R48	1	
58	Chip capacitor	104K 50V	C20 C19 C21 C35 C36 C43 C42 C6 C8	9	
59	Chip capacitor	104K 50V	C37 C34 C45 C11 C12 C13 C14 C15 C16	9	
60	Chip capacitor	474K 50V	C30 C38	2	
61	Chip capacitor	106K 16V	C22 C23 C24 C40	4	
62	Chip capacitor	473K 50V	C25 C26 C27 C28	4	
63	Chip capacitor	104K 100V	C9	1	
64	Chip capacitor	333K 50V	C33	1	
65	Chip capacitor	472J 50V	C17 C18	2	
66	Chip capacitor	102J 50V	C41	1	
67	Chip capacitor	272J 50V	C29	1	
68	Chip capacitor	103K 50V	C44	1	



# Shenzhen Merrytek Technology CO.,LTD

Model:MC601V ( BOM)

NO.	Name	Description	Paty NO.	Quan	Remark
69	Chip capacitor	103K 50V	C31	1	
70	Chip capacitor	105K 50V	C46 C47 C48	3	
71	Chip capacitor	822J 50V	C32	1	
72	SMD Diode	1A600V	D2	1	
73	SMD Diode	1A1000V	D1 D5	2	
74	SMD Diode	0.2A75V	D6 D7 D9	3	
75	SMD Diode	2N5401	Q3 Q4 Q6	3	
76	SMD Diode	2N5551	Q1 Q5 Q7	3	
77	SMD tube	11V0.5W	Z1	1	
78	SMD tube	13V0.5W	Z2	1	
79	IC	TSSOP20	U6	1	
80	IC	sop-7	U2	1	
81	IC	SOP-8	U5 U7	2	
82	Optocoupler	EL817S	U3	1	
83	Bridge rectifier	ABS10 1A1000V	BR1	1	
84	SMD MOS	NL6327	Q8	1	
85	PCB	FR4		1	